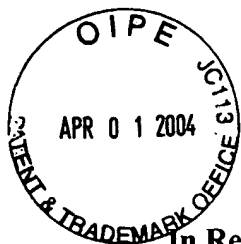


DOCKET NO.: MSFT-1351/158486.

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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APR 05 2004

In Re Application of:

Chandrasekar, et al.

Confirmation No.: 6976

Technology Center 2100

Application No.: 09/682,040

Group Art Unit: 2171

Filing Date: July 12, 2001

Examiner: Al Hashemi, Sana A

For: **SYSTEM AND METHOD FOR QUERY REFINEMENT TO ENABLE  
IMPROVED SEARCHING BASED ON IDENTIFYING AND UTILIZING  
POPULAR CONCEPTS RELOCATED TO USER'S QUERIES**

DATE OF DEPOSIT: 3-30-04

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☐ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☒ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;  
or

☒ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

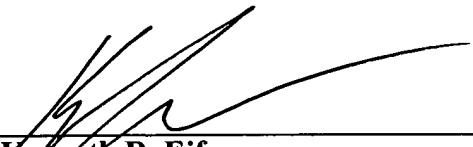
EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
  - ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. \_\_\_\_\_, filed \_\_\_\_\_.

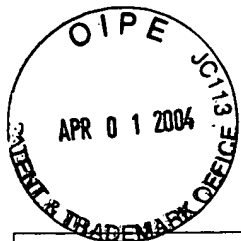
Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: 3-30-04

  
Kenneth R. Eiferman  
Registration No. 51,647

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



Sheet 1 of 2

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>MSFT-1351/158846.1</b>	Application No. <b>09/682,040</b>
	Applicant <b>Chandrasekar, et al.</b>	
	Filing Date <b>July 12, 2001</b>	Group <b>2171</b>
	Confirmation No. <b>6976</b>	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

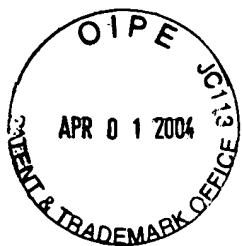
1	Brin, S. et al., "The Anatomy of a Large-Scale Hypertextual Web Search Engine", <i>The Anatomy of a Search Engine</i> , August 7, 2000, <a href="http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm">http://www7.scu.edu.au/programme/fullpapers/1921/com1921.htm</a> , 18 pages

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**EXAMINER****DATE CONSIDERED**

**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No.  
**MSFT-1351/158846.1**

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Applicant  
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Filing Date  
**July 12, 2001**

Group  
**2171**

Confirmation No.  
**6976**

**RECEIVED****APR 05 2004****Technology Center 2100****U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	2	6,526,440 B1	02/25/03	Bharat	709	219
	3	6,529,903 B2	03/04/03	Smith, et al.	707	7
	4	6,658,423 B1	12/02/03	Pugh, et al.	707	102
	5	6,678,681 B1	01/13/04	Brin	707	6
	6	2002/0123988 A1	09/05/02	Dean, et al.	707	3
	7	2002/0133481 A1	09/19/02	Smith, et al.	707	3

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

**EXAMINER****DATE CONSIDERED**